

SEQUENCE LISTING

<110> MOLENAAR, DOUWE

VAN DER REST, MICHEL E

DRYSCH, ANDRE

<120> NUCLEOTIDE SEQUENCE WHICH CODE FOR THE mdhA GENE

<130> 203976USOX

<150> DE 10032350.2

<151> 2000-07-04

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<170> PatentIn version 3.1

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<212> PRT

<213> Corynebacterium glutamicum

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<212> DNA

<213> Corynebacterium glutamicum

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gct ggt caa atc tct tat tca ctg ttg tgg cgc atc gcc aac ggt gaa	634
Ala Gly Gln Ile Ser Tyr Ser Leu Leu Trp Arg Ile Ala Asn Gly Glu	
20 25 30	
gta ttc ggc acc gac acc cct gta gaa ctg aaa ctt ctg gag atc cct	682
Val Phe Gly Thr Asp Thr Pro Val Glu Leu Lys Leu Leu Glu Ile Pro	
35 40 45	
cag gct ctt ggc ggg gca gag ggt gtg gct atg gaa ctt ctg gat tct	730
Gln Ala Leu Gly Gly Ala Glu Gly Val Ala Met Glu Leu Leu Asp Ser	
50 55 60 65	
gcc ttc ccc ctg ctg cga aac atc acc atc acc gcg gat gcc aat gag	778
Ala Phe Pro Leu Leu Arg Asn Ile Thr Ile Thr Ala Asp Ala Asn Glu	
70 75 80	
gca ttc gac ggc gct aat gcg gcg ttt ttg gtc ggt gcg aag cct cgc	826
Ala Phe Asp Gly Ala Asn Ala Ala Phe Leu Val Gly Ala Lys Pro Arg	
85 90 95	
gga aaa ggc gaa gag cgc gca gat ttg ctg gct aac aac ggc aag att	874
Gly Lys Gly Glu Glu Arg Ala Asp Leu Leu Ala Asn Asn Gly Lys Ile	

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Phe Gly Pro Gln Gly Lys Ala Ile Asn Asp Asn Ala Ala Asp Asp Ile			
115	120	125	
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Arg Val Leu Val Val Gly Asn Pro Ala Asn Thr Asn Ala Leu Ile Ala			
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Glu Ala Val Arg Asp Leu Leu			
325			
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<213> *Corynebacterium glutamicum*

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Glu	Val	Phe	Gly	Thr	Asp	Thr	Pro	Val	Glu	Leu	Lys	Leu	Leu	Glu	Ile
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Pro Gln Ala Leu Gly Gly Ala Glu Gly Val Ala Met Glu Leu Leu Asp
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Ser Ala Phe Pro Leu Leu Arg Asn Ile Thr Ile Thr Ala Asp Ala Asn
65 70 75 80

Glu Ala Phe Asp Gly Ala Asn Ala Ala Phe Leu Val Gly Ala Lys Pro
85 90 95

Arg Gly Lys Gly Glu Glu Arg Ala Asp Leu Leu Ala Asn Asn Gly Lys
100 105 110

Ile Phe Gly Pro Gln Gly Lys Ala Ile Asn Asp Asn Ala Ala Asp Asp
115 120 125

Ile Arg Val Leu Val Val Gly Asn Pro Ala Asn Thr Asn Ala Leu Ile
130 135 140

Ala Ser Ala Ala Ala Pro Asp Val Pro Ala Ser Arg Phe Asn Ala Met
145 150 155 160

Met Arg Leu Asp His Asn Arg Ala Ile Ser Gln Leu Ala Thr Lys Leu
165 170 175

Gly Arg Gly Ser Ala Glu Phe Asn Asn Ile Val Val Trp Gly Asn His
180 185 190

Ser Ala Thr Gln Phe Pro Asp Ile Thr Tyr Ala Thr Val Gly Gly Glu
195 200 205

Lys Val Thr Asp Leu Val Asp His Asp Trp Tyr Val Glu Glu Phe Ile
210 215 220

Pro Arg Val Ala Asn Arg Gly Ala Glu Ile Ile Glu Val Arg Gly Lys
225 230 235 240

Ser Ser Ala Ala Ser Ala Ala Ser Ser Ala Ile Asp His Met Arg Asp
245 250 255

Trp Val Gln Gly Thr Glu Ala Trp Ser Ser Ala Ala Ile Pro Ser Thr
260 265 270

Gly Ala Tyr Gly Ile Pro Glu Gly Ile Phe Val Gly Leu Pro Thr Val
275 280 285

Ser Arg Asn Gly Glu Trp Glu Ile Val Glu Gly Leu Glu Ile Ser Asp
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